Filed: July 7, 2006

Docket No.: 903-191 PCT/US

Page 2

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

1. (Currently Amended): A spout designed to be sealed by means of a sealing technique between film walls of a bag, comprising:

a plastic body which forms a channel therein that allows for at least one of dispensing a medium from the bag or feeding a medium to the bag,

wherein the body of the spout has sealing sides situated opposite each other, each sealing side having a sealing surface which is substantially flat and free from ribs and is adapted for achieving a sealed connection to an adjoining film wall of said bag,

wherein each sealing surface has a rough surface structure in order to improve the seal between the spout and the bag.

- 2. (Previously Presented) A spout according to claim 1, wherein the sealing side has a surface roughness value which lies between 20 and 40 in accordance with VDI Richtlinie 3400.
- 3. (Previously Presented) A spout according to claim 1 wherein the sealing surface has a surface roughness value which lies between 23 and 35 in accordance with VDI Richtlinie 3400.

Filed: July 7, 2006

Docket No.: 903-191 PCT/US

Page 3

4. (Previously Presented) A spout according to claim 1, wherein the sealing surface has a surface

roughness value lies between 26 and 34 in accordance with VDI Richtlinie 3400.

5. (Previously Presented) A spout according to claim 1, wherein the body has a transverse wall

with an opening therein which opening forms part of the channel, and wherein said body further

includes sealing walls which project at an angle from the transverse wall and are substantially

symmetrical relative to a plane of symmetry substantially perpendicular to the transverse wall

and wherein said sealing walls each have an outside portion forming said sealing surface of the

spout.

6. (Previously Presented) A spout according to claim 5, wherein said sealing walls are at the

greatest distance from each other in a central area and are connected to each other in end areas

situated in the corresponding plane of symmetry.

7. (Previously Presented) A spout according to claim 1, wherein the body has a tubular element

which forms part of the channel of the spout.

8. (Previously Presented) A spout according to claim 1, wherein the body has a transverse wall

with an opening therein which opening forms part of said channel, and in which said body

further includes sealing walls which project at an angle from said transverse wall and are

substantially symmetrical relative to a plane of symmetry substantially perpendicular to said

Filed: July 7, 2006

Docket No.: 903-191 PCT/US

Page 4

transverse wall, and wherein said sealing walls each have an outside forming said sealing side

surface of the spout, and in which the body has a tubular element which forms part of the

channel of the spout, said the tubular element extending from a side of the transverse wall facing

away from the sealing walls.

9. (Previously Presented) A bag having film walls and provided with a spout according claim 1

which is sealed between said film walls of the bag by a sealing technique.

10. (Withdrawn) A mould for injection moulding a spout according to claim 1, wherein the

mould has a mould cavity with wall parts which define the sealing sides of the body of the spout

and wherein said wall parts are provided with a rough surface structure.

11. (Withdrawn) Method for sealing a plastic according to claim 1 between film walls of a bag,

in which use is made of a sealing device provided with sealing elements disposed opposite each

other and each having a sealing face by means of which the sealing bar is pressed against the

film wall, so that the film wall adheres to the spout medium feed-through part, wherein the

sealing faces are substantially flat, so that the rough surface structure of the sealing walls at least

partially disappears during the sealing, and a flat unit is preferably obtained.

12-19. (Canceled)

Filed: July 7, 2006

Docket No.: 903-191 PCT/US

Page 5

20. (Withdrawn) A method for sealing between film walls of a bag and a spout, comprising:

providing a plastic body which forms a channel for dispensing a medium from the bag and/or feeding it to the bag, which body has sealing sides situated opposite each other, each for achieving a sealed connection to an adjoining film wall, which sealing sides are substantially flat and free from ribs,

providing a sealing device having sealing elements disposed opposite each other and each having a sealing face, wherein the sealing faces of the sealing elements have a rough or structured surface structure, and

pressing the sealing elements against the film wall, so that the film wall adheres to the spout.

21. (Withdrawn) A method for sealing between film walls of a bag and a spout, comprising:

providing a plastic body which forms a channel for dispensing a medium from the bag and/or feeding it to the bag, which body has a transverse wall with an outermost edge and sealing sides situated opposite each other which connect to the outermost edge of the transverse wall, each sealing side for achieving a sealed connection to an adjoining film wall, which sealing sides are preferably substantially flat and free from ribs,

providing a sealing device having sealing elements disposed opposite each other and each having a sealing face,

pressing the sealing elements against the film wall, so that the film wall adheres to the spout,

Filed: July 7, 2006

Docket No.: 903-191 PCT/US

Page 6

wherein the sealing elements each have on the side facing the sealing element situated opposite an overhanging rib, which rib rests on top of the outermost edge area of the transverse wall during the sealing, so that melting plastic material is prevented from running out between the film wall and the spout in the region of that outermost edge.

22. (Withdrawn) A method for sealing between film walls of a bag and spout, comprising:

providing a plastic body which forms a channel for dispensing a medium from the bag and/or feeding it to the bag, which body has a transverse wall with an outermost edge and sealing sides situated opposite each other which connect to the outermost edge of the transverse wall, each sealing side serving to achieve a sealed connection to an adjoining film wall, which sealing sides are preferably substantially flat and free from ribs,

providing a sealing device having sealing elements disposed opposite each other and each having a sealing face,

pressing the sealing elements against the film wall, so that the film wall adheres to the spout,

wherein the sealing faces are provided with one or more recesses, in such a way that at the position of a recess little - or possibly no - excessive or unequal pressure is exerted by a sealing element upon the film wall and the spout.

23. (Withdrawn) A method according to claim 22, in which at each of the merging end areas of the sealing sides the spout is provided with an outwardly projecting flap, which flap also

Filed: July 7, 2006

Docket No.: 903-191 PCT/US

Page 7

ultimately lies between the film walls, and in which the sealing faces of the sealing elements are

provided with a recess at the level of each flap.

24. (Withdrawn) A method according to claim 23, in which the bag is a side-gusset bag having

on each side a part of each film wall folded inwards, so that a fourfold film wall thickness is

present there, and a central part formed by two film walls, the spout being placed in the central

part, and the sealing faces of the sealing elements situated opposite each other being of a

recessed design in the area of the fourfold wall thickness, in order to compensate for the film

wall thickness relative to the central part.

25-29. (Canceled)

30. (Previously Presented) A spout according to claim 1, wherein each sealing surface has a

rough surface structure over the entire sealing side surface.

31. (Previously Presented) A spout according to claim 1, wherein the body has a tubular element

which forms part of the channel of the spout, and wherein the tubular element is provide with a

screw thread for a screw cap.